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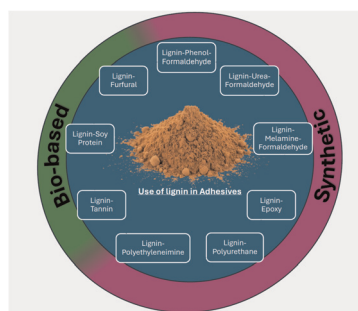
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Juan Paez and Pedram Fatehi*

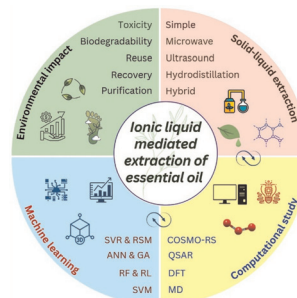


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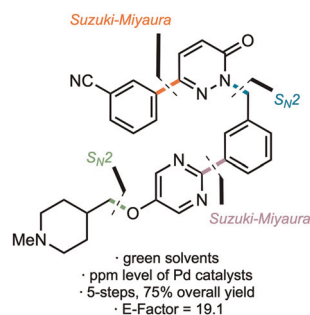
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Short and sustainable synthesis of the anticancer agent tepotinib

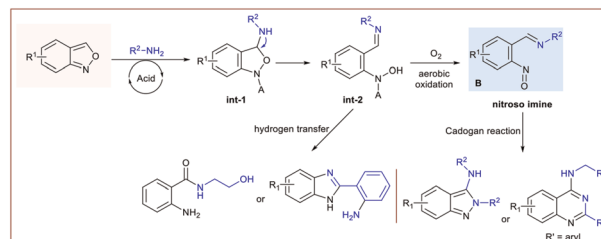
Eduam O. Boeira, Angélica V. Moro* and Bruce H. Lipshutz*



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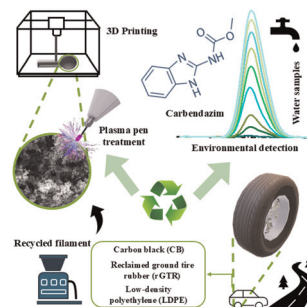


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Additively manufactured electrochemical platforms from reclaimed ground tire rubber for environmental monitoring

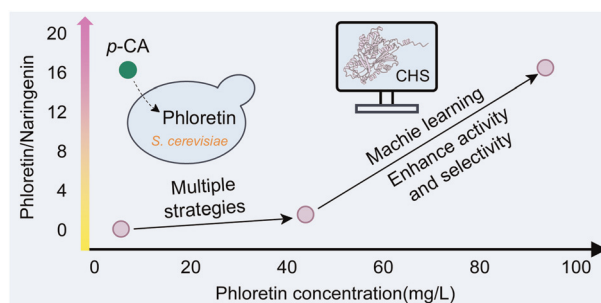
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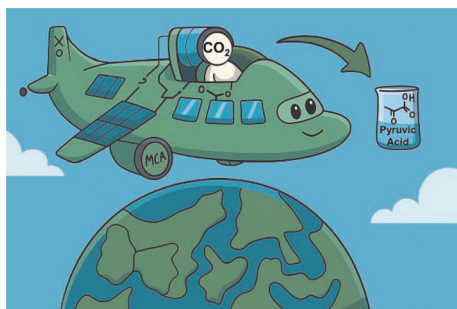
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Machine learning-guided engineering of chalcone synthase enables high-selectivity phloretin biosynthesis in yeast

Mei Li, Canyu Zhang, Hui Liang, Boyang Wu, Wenxi Yu, Guangjian Li,* Yufei Cao* and Wen-Yong Lou*



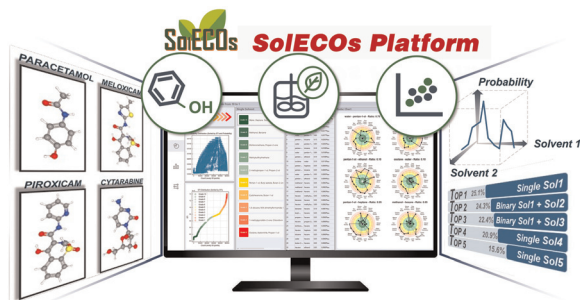
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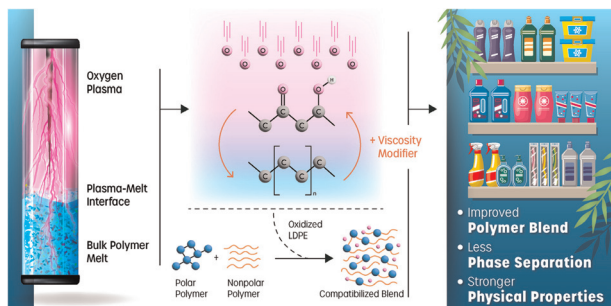
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SolECOs: a data-driven platform for sustainable and comprehensive solvent selection in pharmaceutical manufacturing

Yiming Ma, Shang Gao, Neel Mehta, Qinqing Fu, Wei Li and Brahim Benyahia*

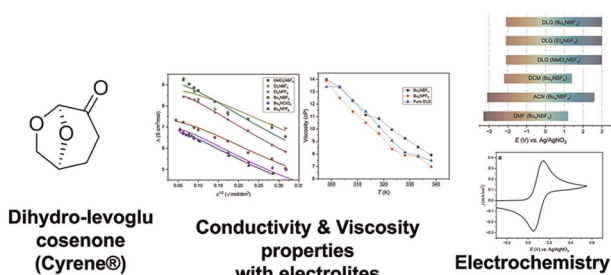
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Sustainable upcycling of polyethylene waste to compatibilizers and valuable chemicals

Darien K. Nguyen, Zoé O. G. Schyns, LaShanda T. J. Korley* and Dionisios G. Vlachos*

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Electrochemically relevant physical–chemical properties of tetraalkylammonium salts solutions in the renewable solvent dihydrolevoglucosenone (Cyrene®); electrochemical behaviour of some representative organic molecules

José M. Ramos-Villaseñor, Jessica Sotelo-Gil, Maricarmen P. Flores-Morales, Ruben Vasquez-Medrano and Bernardo A. Frontana-Uribe*

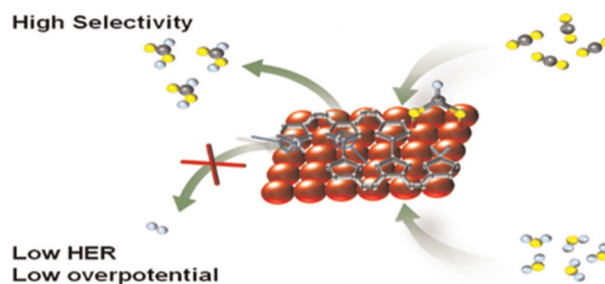


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Acidic CO₂ electroreduction to formic acid at low overpotentials over Cu modified with a dual site polymer

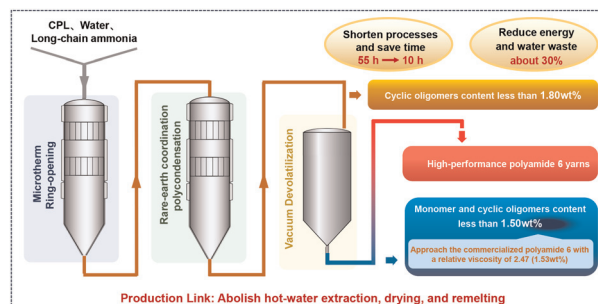
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Inhibition of cyclic oligomer formation via rare earth coordination and long-chain amine end capping during PA6 synthesis process

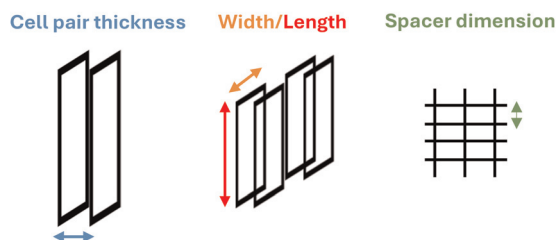
Junting Gao, Feng Gao, Ke Liu,* Wenxing Chen and
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Evaluating lithium recovery using electrochemical membrane separation: cost analysis and design strategies

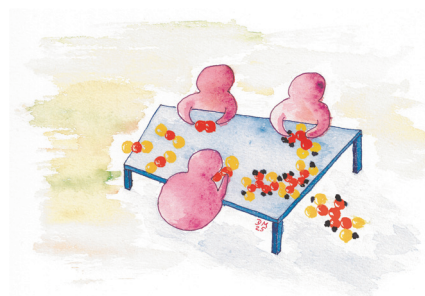
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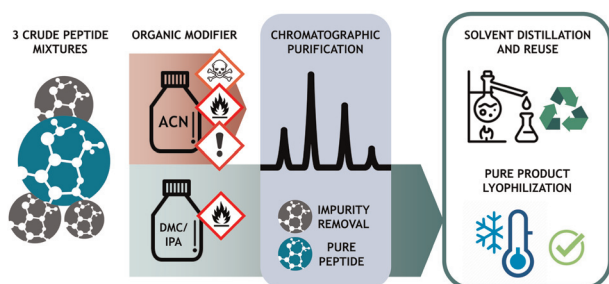
Synthetic autotrophic yeast enables high itaconic acid production from CO₂ via integrated pathway and process design

Özge Ata,* Lisa Lutz, Michael Baumschabl and
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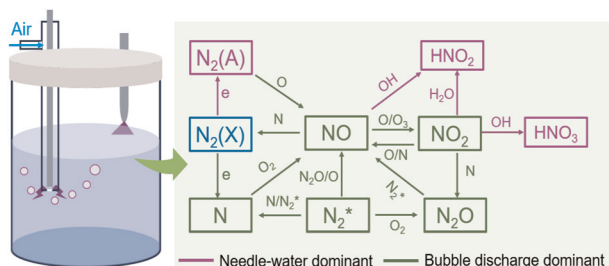
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Replace, reduce, and reuse organic solvents in peptide downstream processing: the benefits of dimethyl carbonate over acetonitrile

Chiara De Luca, Chiara Nosengo, Matteo Spedicato, Laura Magagnato, Giacomo Fogli, Marco Carraro, Walter Cabri, Marco Macis, Alberto Cavazzini, Simona Felletti,* Antonio Ricci* and Martina Catani

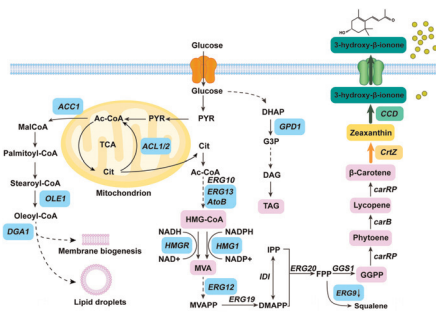
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A green route to nitrate-selective nitrogen fixation: catalyst-free hybrid discharge integrating plasma-liquid energy coupling

Zi-Kai Zhou, Zhi Zheng, Shu-Qi Li, Yu-Zheng Wang, Jian-Ping Liang, Zhao-Lun Cui, Xiao-Qiong Wen* and De-Zheng Yang*

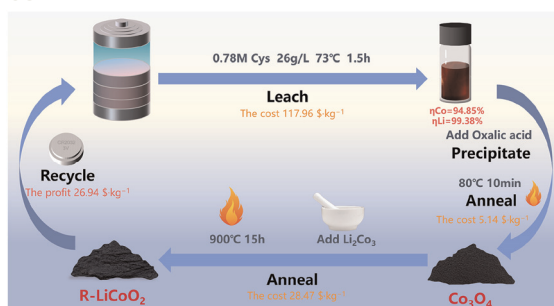
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Natural product driven redox-recovery of lithium cobalt oxide cathodes under mild conditions

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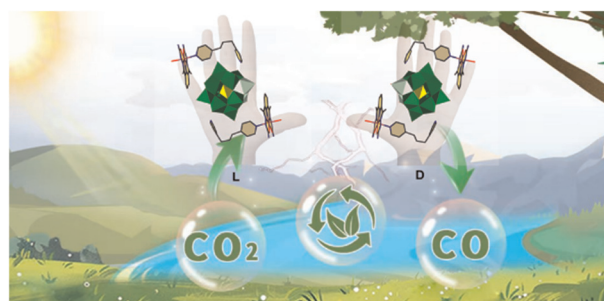


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Chiral chlorophyll-inspired clusters steering electron transfer for enhanced CO₂ photoreduction

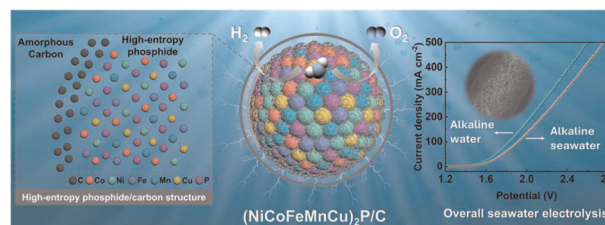
Yin-Hua Zhu, Jian-Bo Yang, Jiu Lin Zhou, Yong-Qi Ji, Hua Mei* and Yan Xu*



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An activity–selectivity–stability-balanced bifunctional high-entropy phosphide for overall seawater splitting at industrial-level current density

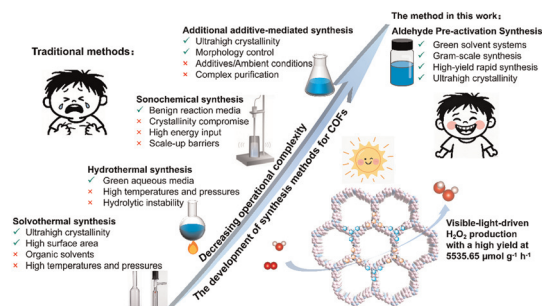
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Eco-friendly synthesis of imine-based COFs for efficient photocatalytic H₂O₂ production

Yayang Wang, Ting Xu, Zhongxing Zhang, Yaowen Wang, Jiming Huang,* Mi Tang and Zhengbang Wang*



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2-Methyl-2-(pyridin-2-yl)malononitrile: a site-selective cyano transfer reagent for photocatalytic cyanation reactions

Xiang-Chuang Tan, Lei Yan, Hao-Ni Qin and Peng-Fei Xu*

